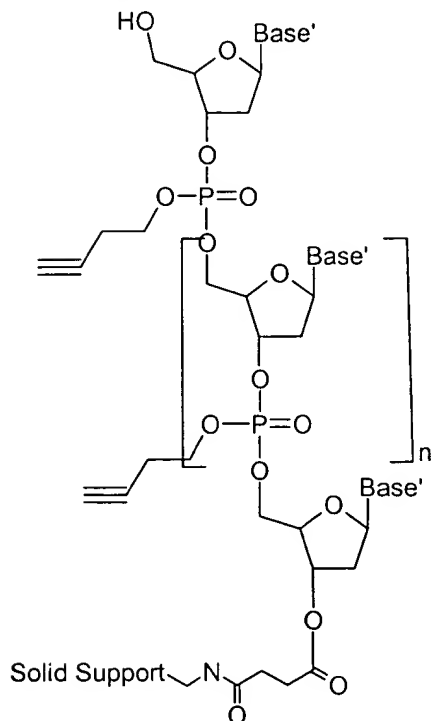


**FIG. 1A**

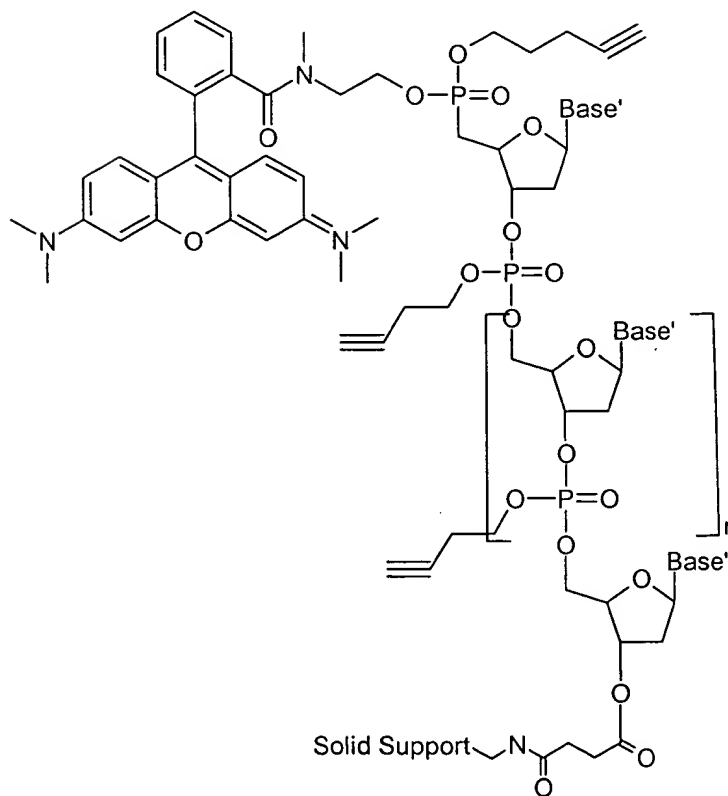
**Support-Bound Protected DNA**



Rhodamine  
Phosphoramidite

Oxidatio

**TMR-Labeled Support-Bound Protected DNA**



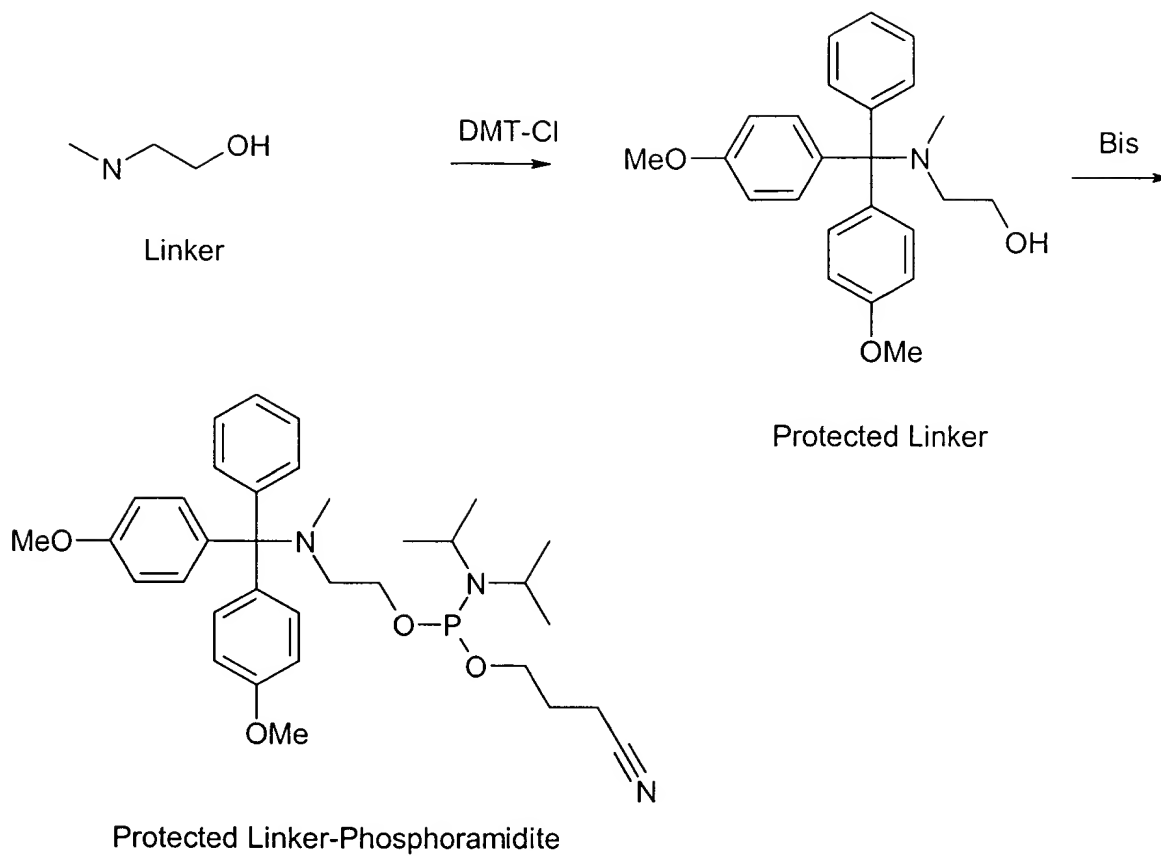
Cleavage

Deprotection

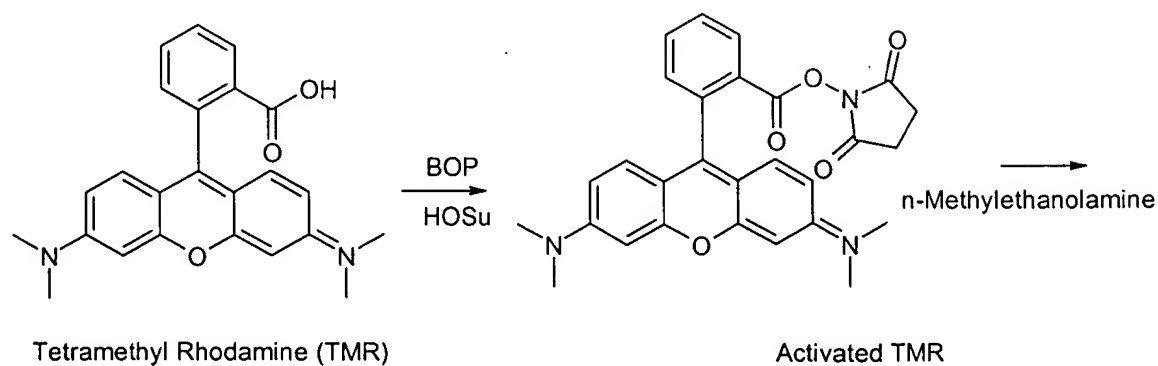
**TMR-Labeled DNA**

**FIG. 1B**

# Reaction 1



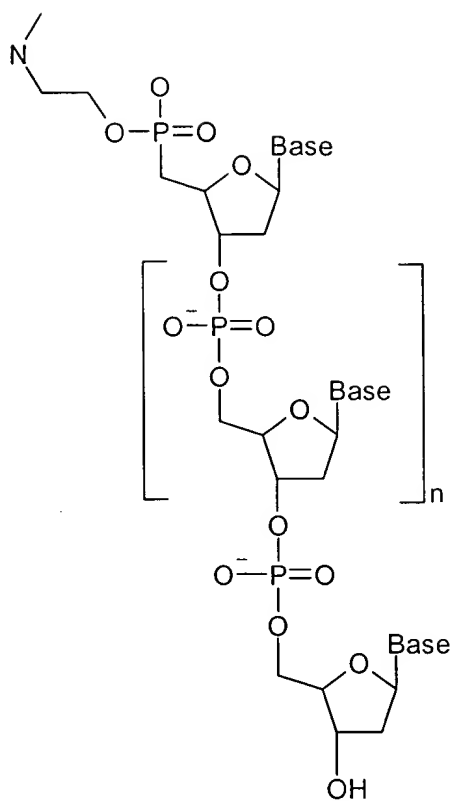
# Reaction 2



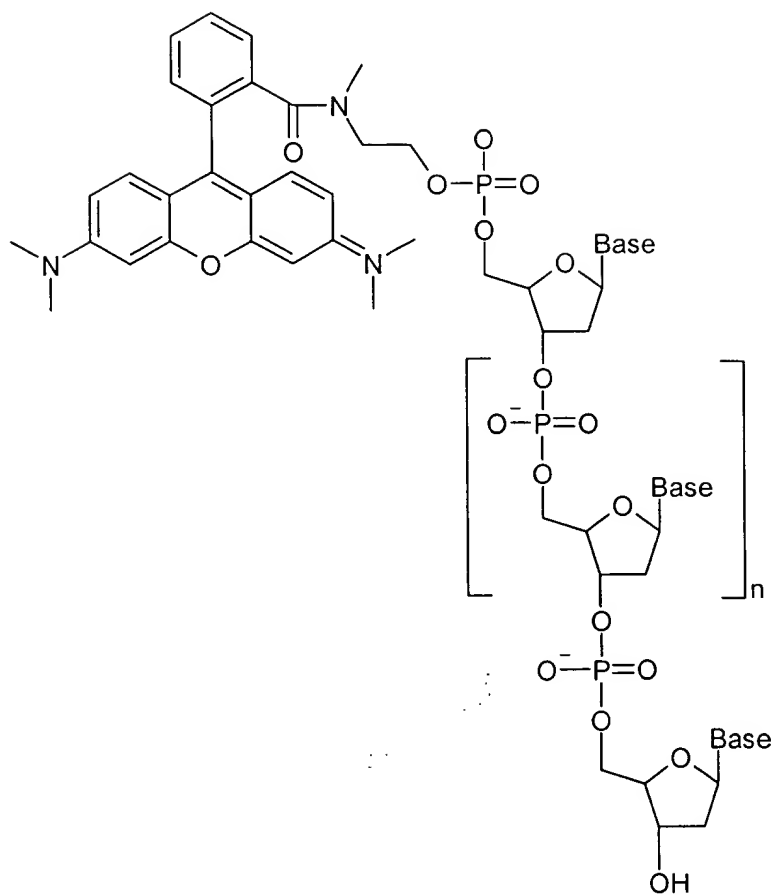
**FIG. 2A**







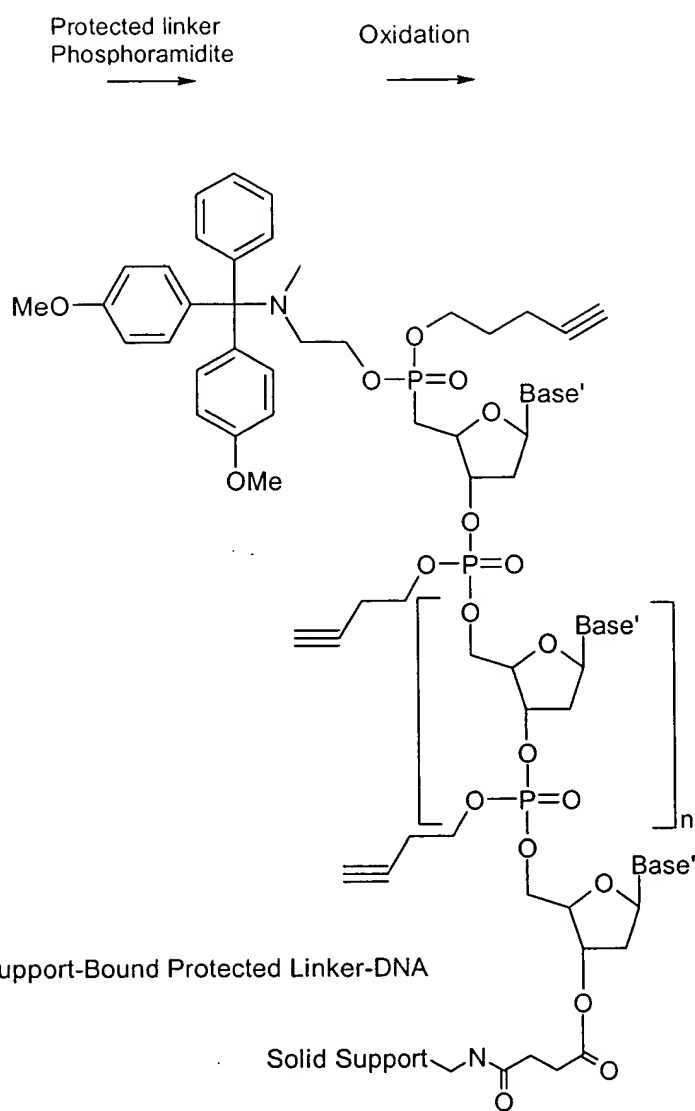
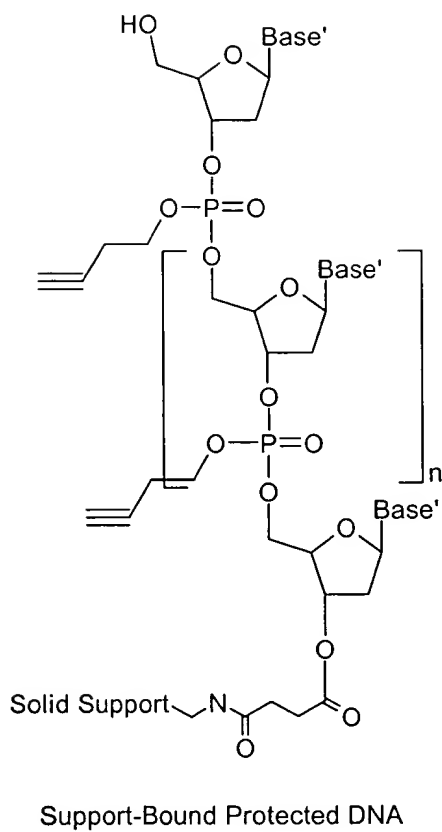
Activated TMR



Labeled Linker DNA

**Reaction 2**

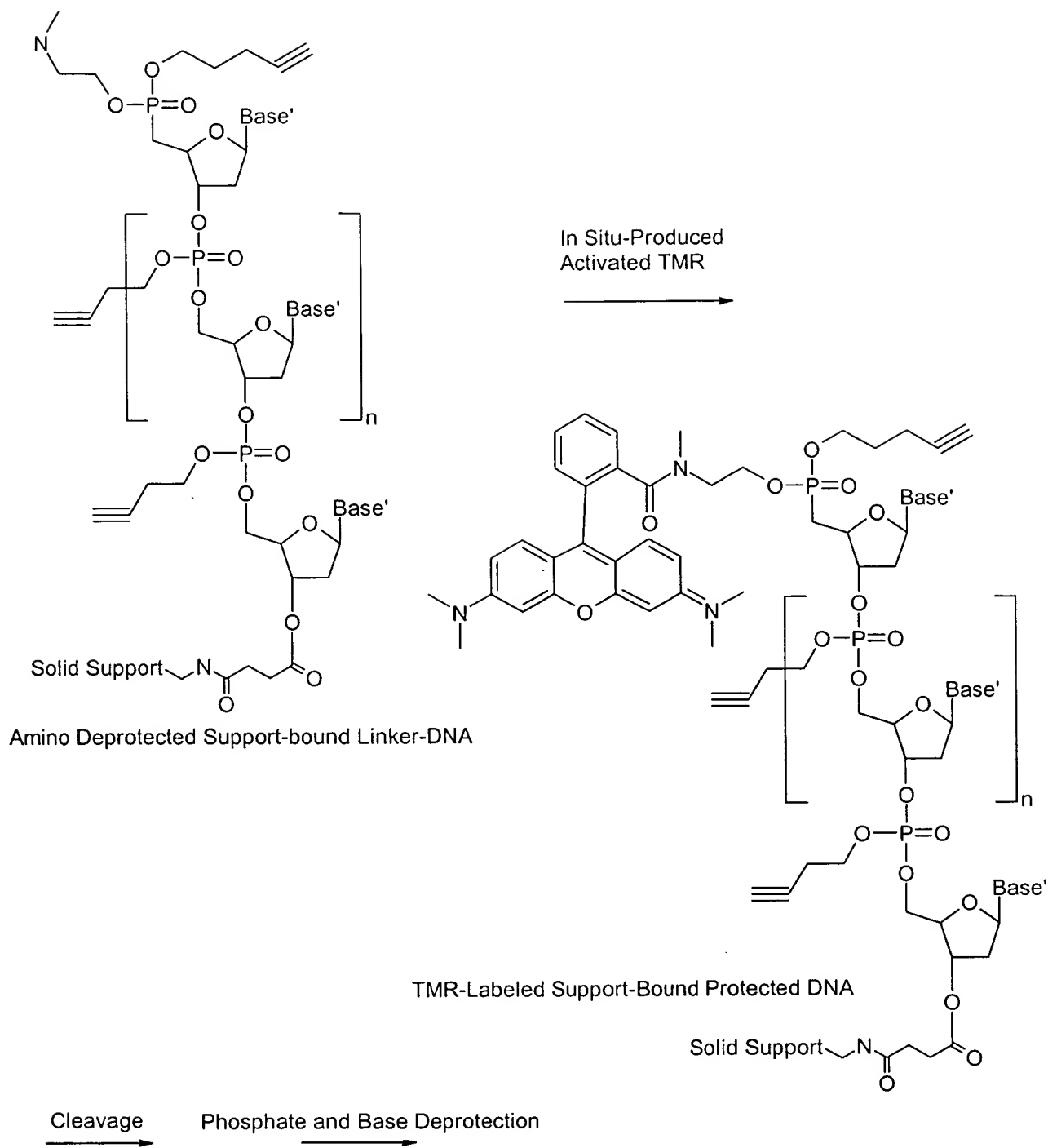
**FIG. 2B**



Amino Deprotection

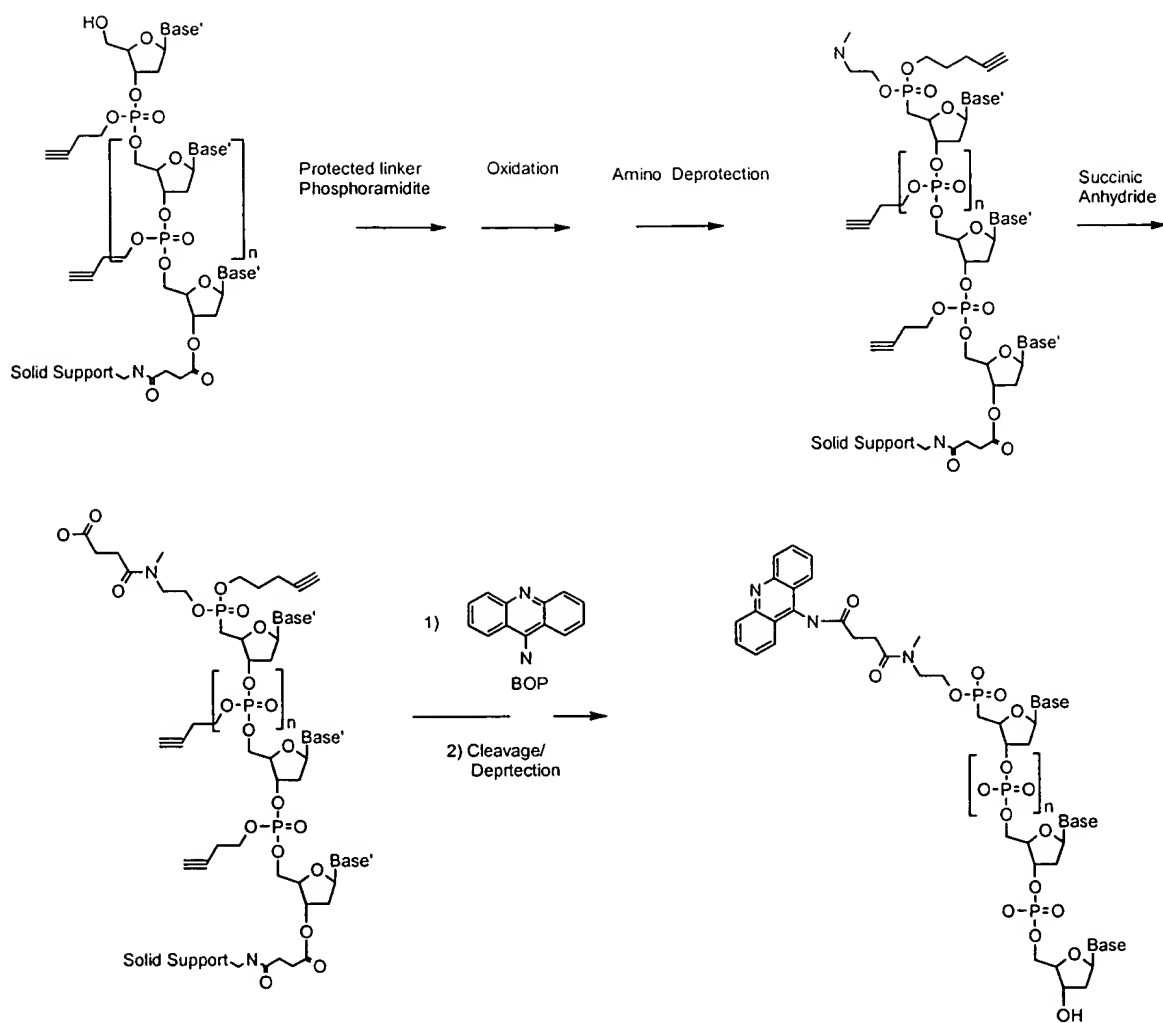
Step 1

FIG. 3



**Step 2**

**FIG. 3 Continued**



**FIG. 4**

